

Contents

Articles

1 Ozanne, C.R. & Harries, P.J.: Role of predation and parasitism in the extinction of the inoceramid bivalves: an evaluation

21 Morard, A.: Post-pathological keel-loss compensation in ammonoid growth

35 Fagerstrom, J.A. & Bradshaw, M.A.: Early Devonian reefs at Reefton, New Zealand: guilds, origin and paleogeographic significance

51 Yazykova, E.: Ammonite and inoceramid radiations after the Santonian–Campanian bioevent in Sakhalin, Far East Russia

61 Kröger, B.: On the efficiency of the buoyancy apparatus in ammonoids: evidences from sublethal shell injuries

71 Harper, D.A.T. & Williams, S.H.: A relict Ordovician brachiopod fauna from the *Parakidograptus acuminatus* Biozone (lower Silurian) of the English Lake District

79 Engeser, T. & Keupp, H.: Phylogeny of the aptychi possessing Neocommonoidea (Aptychophora nov., Cephalopoda)

97 Lucas, S.G. & Schoch, R.R.: Triassic temnospondyl biostratigraphy, biochronology and correlation of the German Buntsandstein and North American Moenkopi Formation

107 Vannier, J. & Chen, J.-Y.: Digestive system and feeding mode in Cambrian naraoid arthropods

121 Ferrández-Cañadell, C.: Multicellular-like compartmentalization of cytoplasm in fossil larger foraminifera

131 Wan, X., Jansa, L.F. & Sarti, M.: Cretaceous and Paleogene boundary strata in southern Tibet and their implication for the India–Eurasia collision

147 Hallam, A.: How catastrophic was the end-Triassic mass extinction?

158 Oloriz, F., Palmqvist, P. & Pérez-Claros, J.A.: Morphostructural constraints and phylogenetic overprint on sutural frilling in Late Jurassic ammonites

169 Johanson, Z.: Vascularization of the osteostracan and antiarch (Placodermi) pectoral fin: similarities, and implications for placoderm relationships

191 Moczydowska, M.: Early Cambrian phytoplankton diversification and appearance of trilobites in the Swedish Caledonides with implications for coupled evolutionary events between primary producers and consumers

215 Henderson, R.A., Kennedy, W.J. & Cobban, W.A.: Perspectives of ammonite paleobiology from shell abnormalities in the genus *Baculites*

231 Jia-Yu, R., Xu C. & Harper, D.A.T.: The latest Ordovician *Hirnantia* Fauna (Brachiopoda) in time and space

250 Maisch, M.W. & Matzke, A.T.: The skull of a large Lower Triassic ichthyosaur from Spitzbergen and its implications for the origin of the Ichthyosauria

257 Seilacher, A., Lüning, S., Martin, M.A., Klitsch, E., Khoja, A. & Craig, J.: Ichnostratigraphic correlation of Lower Palaeozoic clastics in the Kufra Basin (SE Libya)

263 Gong, Y.-M. & Si, Y.-L.: Classification and evolution of metazoan traces at a topological level

279 Checa, A.G. & Crampton, J.S.: Mechanics of sculpture formation in *Magadiceramus rangatira rangatira* (Inoceramidae, Bivalvia) from the Upper Cretaceous of New Zealand

291 Jensen, S., Gehling, J.G., Droser, M.L. & Grant, S.W.E.: A scratch circle origin for the medusoid fossil *Kullingia*

300 Gomez, B., Martinez-Delclos, X., Bamford, M. & Philippe, M.: Taphonomy and palaeoecology of plant remains from the oldest African Early Cretaceous amber locality.

309 Schoch, R.R.: The evolution of metamorphism in temnospondyls

328 Gudo, M.: Soft body reconstructions of Palaeozoic corals: implications for the system of Anthozoa (Coelenterata)

345 Vörös, A.: Victims of the Early Toarcian anoxic event: the radiation and extinction of Jurassic Koninkiniidae (Brachiopoda)

Lethaia Discussion

20 Zinsmeister, W.J.: Mass mortalities and mass extinction

358 Palmqvist, P., Mendoza, M., Arribas A. & Gröcke, D.R.: Estimating the body mass of Pleistocene canids: discussion of some methodological problems and a new 'taxon free' approach

Lethaia Seminars

32 Kaufman, J.A. & Smith, R.J.: Statistical issues in the prediction of body mass for Pleistocene canids

187 Lingham-Soliar, T.: First occurrence of premaxillary caniniform teeth in the Varanoidea: Presence in the extinct mosasaur *Goronyosaurus* (Squamata: Mosasauridae) and its functional and paleoecological implications

275 Zhuravlev, A.V.: A new type of conodont hard tissue

277 Donovan, S.K.: Island shelves, downslope transport and shell assemblages

Lethaia Review

278 Zuschin, M.: Bivalvia neogenica (Nuculacea-Unionacea)

Index of contributors

Arribas, A.	358
Bamford, M.	300
Bradshaw, M.A.	35
Checa, A.G.	279
Chen, J.-Y.	107
Cobban, W.A.	215
Craig, J.	257
Crampton, J.S.	279
Donovan, S.K.	277

Droser, M.L.	291
Engeser, T.	79
Fagerstrom, J.A.	35
Ferrández-Cañadell, C.	121
Gehling, J.G.	291
Gomez, B.	300
Gong, Y.-M.	263
Grant, S.W.E.	291
Gröcke, D.R.	358

Gudo, M.	328	Mendoza, M.	358
Hallam, A.	147	Moczydłowska, M.	191
Harries, P.J.	1	Morard, A.	21
Harper, D.A.T.	71, 231	Olóriz, F.	158
Henderson, R.A.	215	Ozanne, C.R.	1
Jansa, L.F.	131	Palmqvist, P.	158, 358
Jensen, S.	291	Pérez-Claros, J.A.	158
Jia-Yu, R.	231	Philippe, M.	300
Iohanson, Z.	169	Sarti, M.	131
Kaufman, J.A.	32	Schoch, R.R.	97, 309
Kennedy W.J.	215	Seilacher, A.	257
Keupp, H.	79	Si, Y.-L.	263
Khoja, A.	257	Smith, R.J.	32
Klitzsch, E.	257	Vannier, J.	107
Kröger, B.	61	Vörös, A.	345
Lingham-Soliar, T.	187	Wan, X.	131
Lucas, S.G.	97	Williams, S.H.	71
Lüning, S.	257	Xu C.	231
Maisch, M.W.	250	Yazykova, E.	51
Martin, M.A.	257	Zhuravlev, A.V.	275
Martinez-Delclòs, X.	300	Zinsmeister, W.J.	20
Matzke, A.T	250	Zuschin, M.	278

